

# 2024. 12. 16. (Mon) 16h07m UTC TYC 232301033 by (3200) Phaethon

Asteroid :	Diam. = 5 km	Star :	R.A.(ICRS) = 02h29m31.50620s $\pm$ 0.0008"
	= 0.008"		Dec.(ICRS) = +30°31'05.2076" $\pm$ 0.0009"
	error = 0.010"		Mv. = 10.31 mag
	Mv. = 16.7 mag		Sp. type =
	Vra = -2373"/day		Var. = - mag
	Vdec = -1616"/day		Sep. =
	dist. = 0.89844au		PA =
	type = Apollo		dmag =
Sun :	elong. = 138°	Partial duration	= 0.000 sec (D =0.062 mas)
Moon :	elong. = 56°	Diffraction time	= 0.018 sec
	sunlit = -98 %	Extinct. Dur.	= 0.2 sec
Cond. :	score = 51 pt.	drop	= 6.4 mag
Visibility :	centerline = 29.72%	$\pm$ 0.5sigma = 20.53%	$\pm$ 2.0sigma = 1.99%
	$\pm$ 0.5 r = 29.21%	$\pm$ 1.0sigma = 11.97%	$\pm$ 2.5sigma = 0.57%
	N/S edge = 27.73%	$\pm$ 1.5sigma = 5.50%	$\pm$ 3.0sigma = 0.13%

16h07m00s - 16h16m10s    step 1 min.

